

**Bengal Engineering and Science University, Shibpur**  
Bachelor of Architecture Part III  
5<sup>th</sup> Semester Final Examination, December 2012  
Contemporary Architecture – AR501

Full Marks: 70

Time: 3 Hours

**Question 1.** Attempt any TEN questions. [10x2=20]

- a. Who said, “form ever follows function”?
  - i) Christopher Charles Benninger; ii) Louis Henry Sullivan; iii) Richard M Hunt; d) None of above.
- b. Who said first, “Architecture is Frozen Music”?
  - i) Leonardo da Vinci; ii) Albert Camus; iii) Johann Wolfgang von Goethe; iv) None of above.
- c. Identify the Building shown in Figure A.
- d. Identify the Architect of the building shown in figure B.
- e. Who authored the book – “Ornament and Crime”?
- f. Who authored the book – “Towards an architecture”?
- g. State True or False: “The Bradley House designed by Louis Sullivan in 1909 has *Cantilevered Balcony*.”
- h. Name the basic building material used for construction of White House (1901).
- i. Name the basic building materials used for construction of Gropius House (1937).
- j. Who called his buildings “Skin and Bones”?
- k. Name the Architect who was known as ‘the last modernist’?

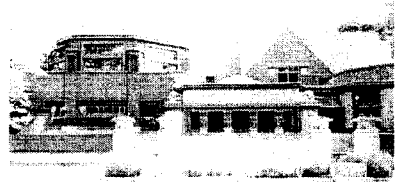


Figure A

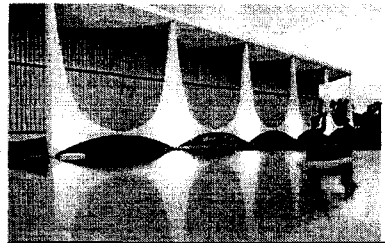


Figure B

**Question 2.** Attempt any THREE questions from below.

[3x10=30]

- a. Explain the five points in Architecture with the help of appropriate sketches taking example from Villa Savoye designed by **Le Corbusier** in 1929.
- b. Explain the RAUMPLAN with the help of appropriate sketches of Villa Müller, Prague, designed by **Adolf Loos** in 1928.
- c. Explain the design concepts of Einstein Tower with the help of appropriate sketches designed by **Erich Mendelsohn** in 1921.
- d. Explain the USONIAN design concept, with the help of appropriate sketches any building of your choice designed by **F.L. Wright** during 1937 – 1950.
- e. Explain the design concepts of Paimio Sanatorium with the help of appropriate sketches designed by **Alvar Alto** in 1929.

**Question 3.** Explain the Design principles of any of the TWO buildings from the following list mentioned below, with appropriate, neat, annotated and proportional sketches. Mention name the Architect and the year of creation of the building.

[2x10=20]

- a. **Pampulha Church, Belo Horizonte**
- b. **Bradley House**
- c. **The Barcelona Pavilion**
- d. **The Gropius House**
- e. **Robie House, Chicago**